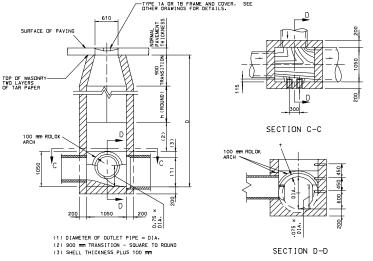


TERMINAL MANHOLE

MANHOLE ON CONCRETE

SEWERS



VERTICAL SECTION THRU CENTERLINE

LINE MANHOLE ON PIPE SEWERS 675 mm TO 900 mm IN DIAMETER



(4) AMOUNT OF RAISE - ALL NEW MATERIAL (5) REBUILT THROAT TAPER SAME AS ORIGINAL

ADJUSTING EXISTING MANHOLE TO GRADE

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

BRICK FOR MANHOLES AND SEWERS SHALL MEET AASHTO M 91. BRICK FOR MANHOLES SHALL BE GRADE MM. AND BRICK FOR SEWERS SHALL BE GRADE SM.

ALL PIPE CONNECTED WITH A MANHOLE WILL BE MEASURED AND PAID FOR TO THE CENTER OF THE MANHOLE. THE ENDS OF ALL PIPE SHALL BE FLUSH WITH THE INSIDE FACE OF THE MANHOLE.

IN BRICK MANHOLES ON REINFORCED CONCRETE OR BRICK SEWERS MORE THAN 900 mm IN DIAMETER, ONLY THAT PORTION OF THE MANHOLE ABOVE THE TOP OF THE LARGER PIPE WILL BE ALO FOR AS BRICK MASONRY. ANY AND ALL PORTIONS BELOW THE TOP OF THE LARGEST PIPE WILL BE CONSIDERED AND PAID FOR AS PIPE.

EVACUATION WILL BE COMPUTED AND PAID FOR AS A PRISM. WHOSE AREA WILL BE EQUAL TO THE BASE OF THE MANHOLE.

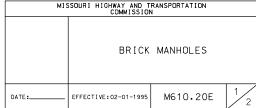
INVERT SHALL BE CONPUTED AND CONSTRUCTED TO A HEIGHT EQUAL TO THREE-QUARTERS THE DIAMETER OF THE OUTLET PIPE.

VOLUME OF TAPERED SECTIONS WILL BE COMPUTED BY THE PRISMIDAL FORMULA. THE ARE AT MIDSECTION OF A TAPER FROM SOURCE TO ROUND IS: 0.250 2 (0.250 2 1 + 2.250 ft + 2.05 Tay (1.250 ft) + 2.05 Tay (1.250 ft) + 2.050 Tay (1.250 ft)

FOR DETAILS OF MANHOLE FRAME AND COVER. SEE OTHER DRAWINGS.

THE ENTIRE EXTIRIOR SURFACE OF BRICK MANHOLES SHALL BE COATED WITH A 13 $\ensuremath{\mathsf{mm}}$ THICKNESS OF MORTAR.

NO DIRECT PAYMENT WILL BE MADE FOR CONCRETE ENCASEMENT, FOUL WATER DROPS, AND THE 13 mm COATING OF MORTAR APPLIED TO THE EXTERIOR SURFACE OF BRICK MANHOLES.



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